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Figure 1

Plasma membrane

Figure 2

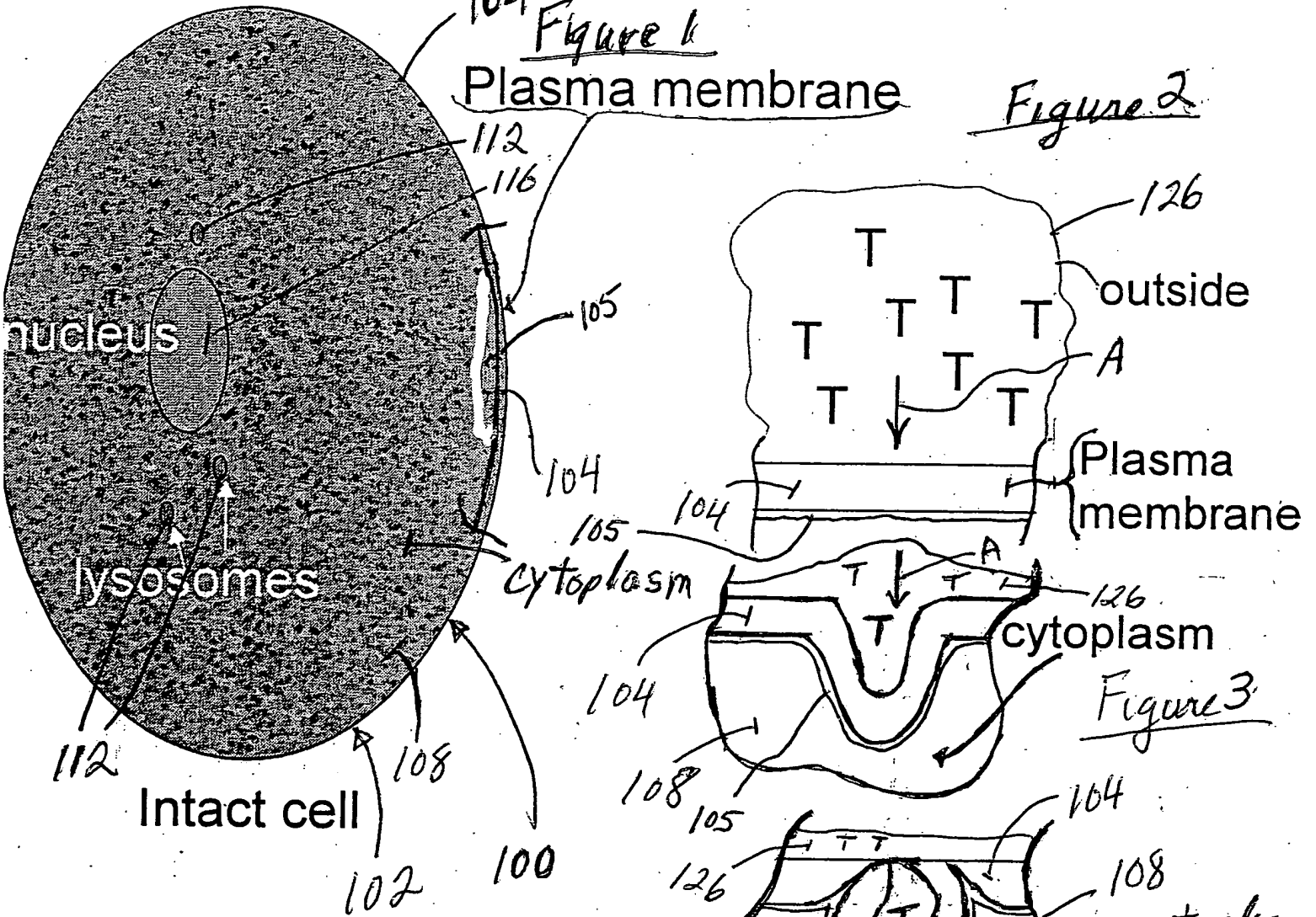


Figure 3

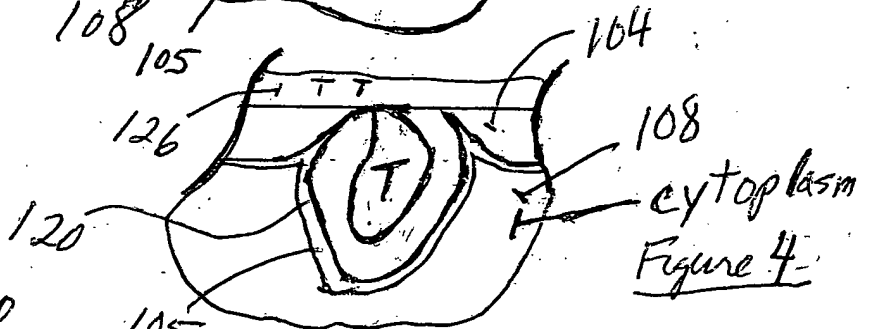
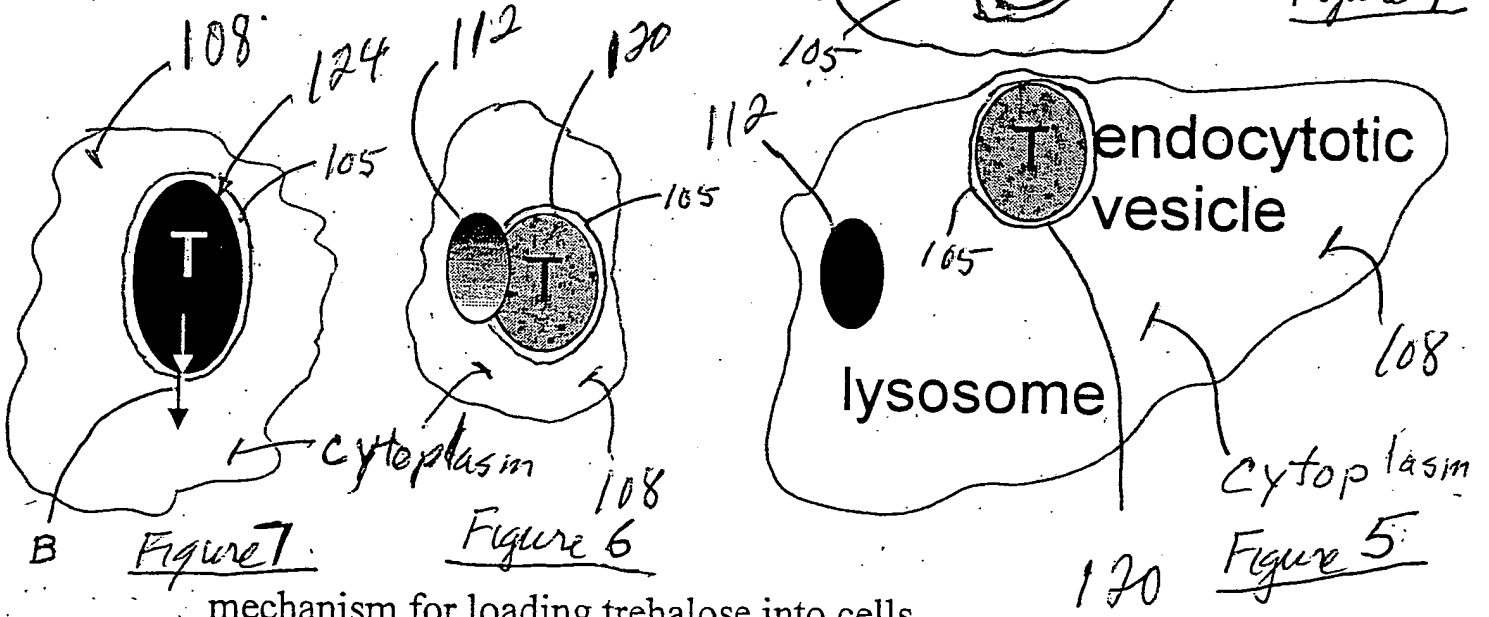


Figure 4



mechanism for loading trehalose into cells.

Docket: 010023-001100

Inventors: John H. Crowe et al.

Title: *METHOD FOR INTRODUCING MOLECULES
INTO BIOLOGICAL SAMPLES*

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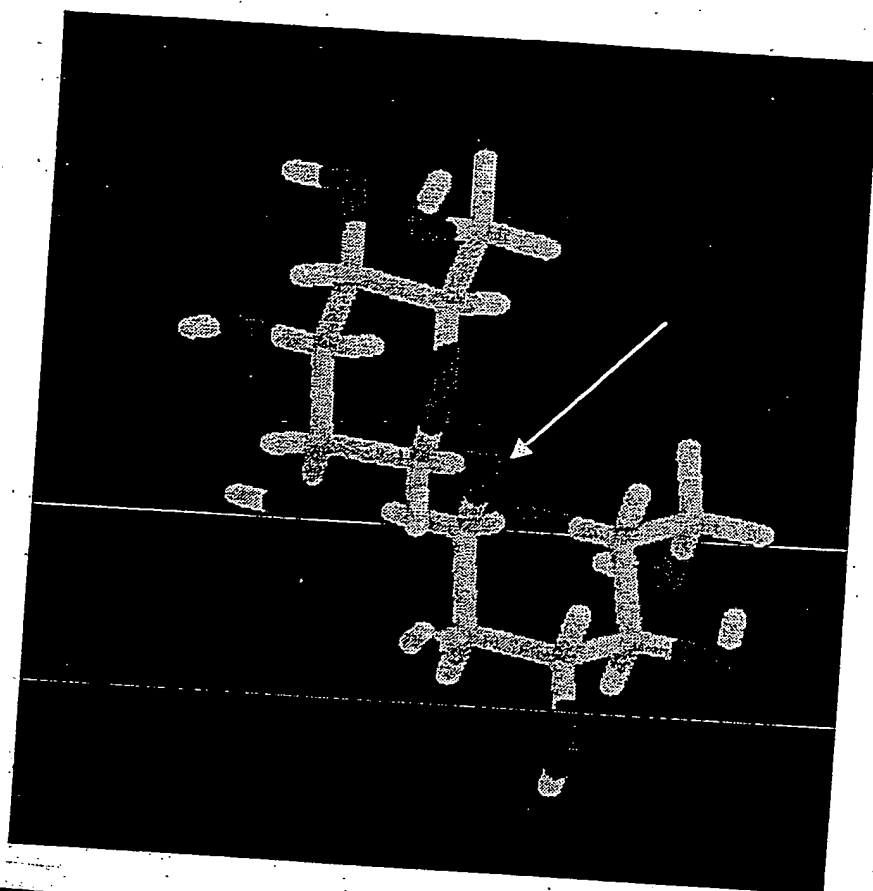


Fig 8

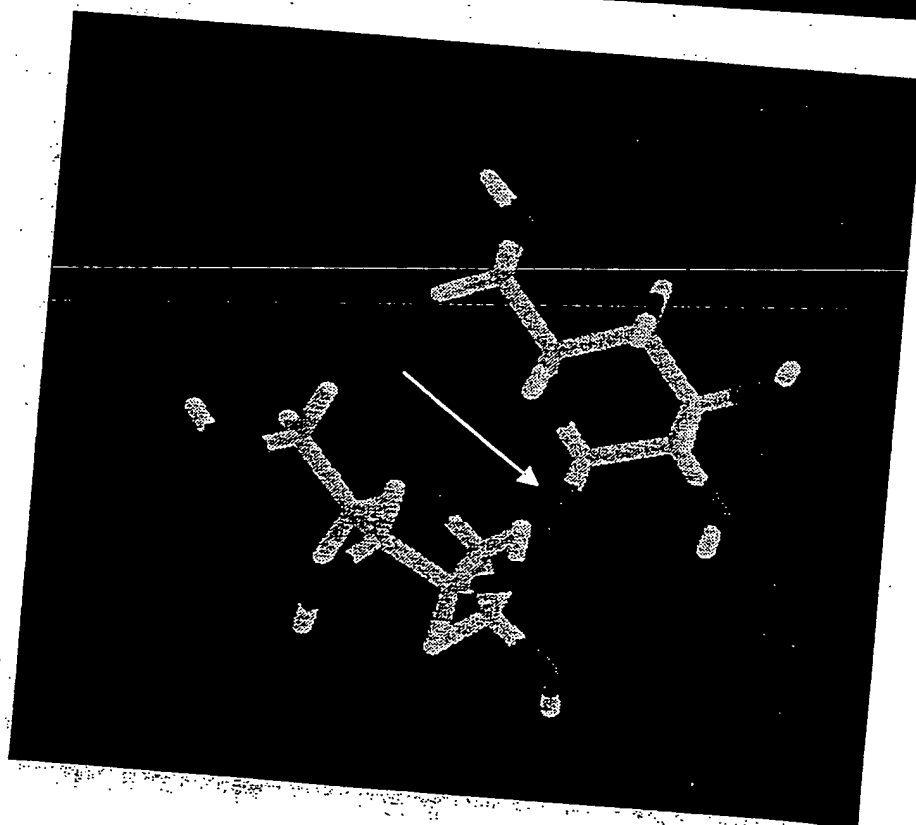


Figure 9

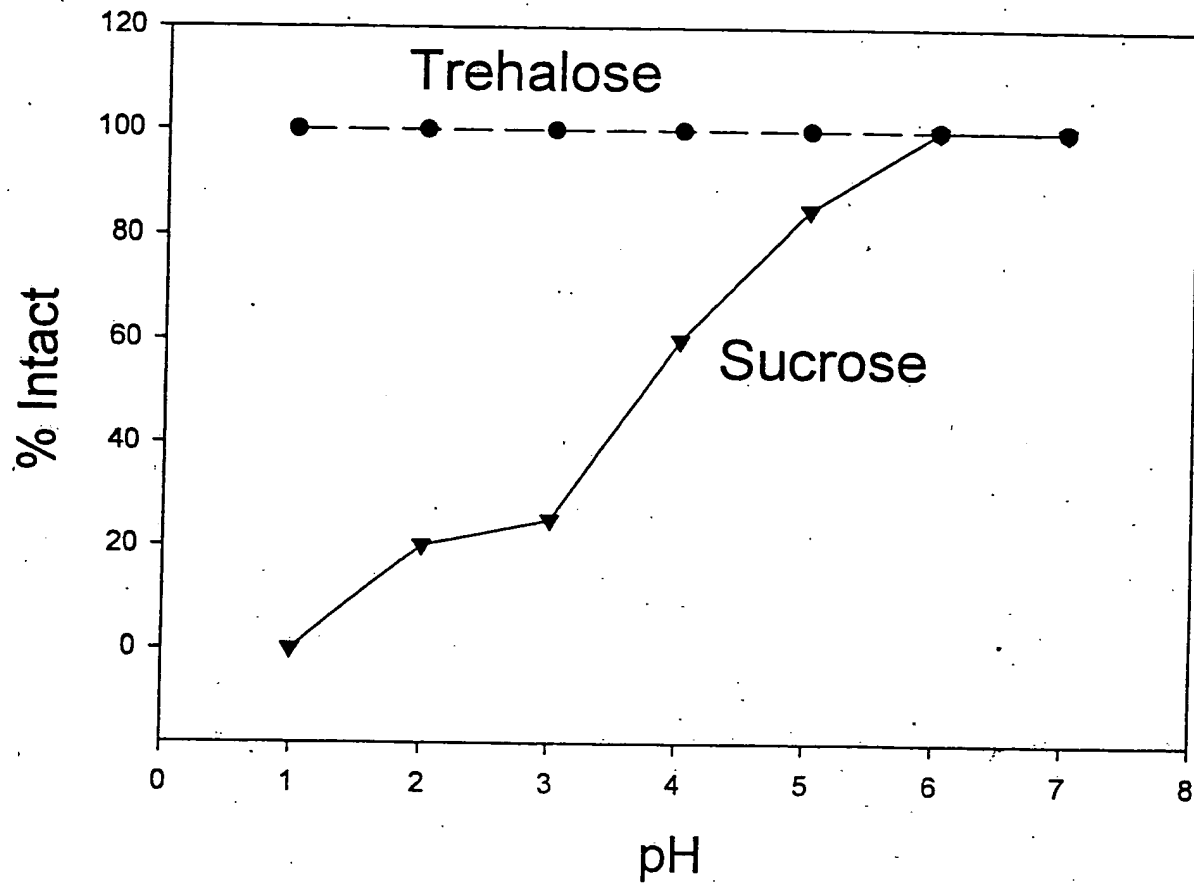


Figure 10

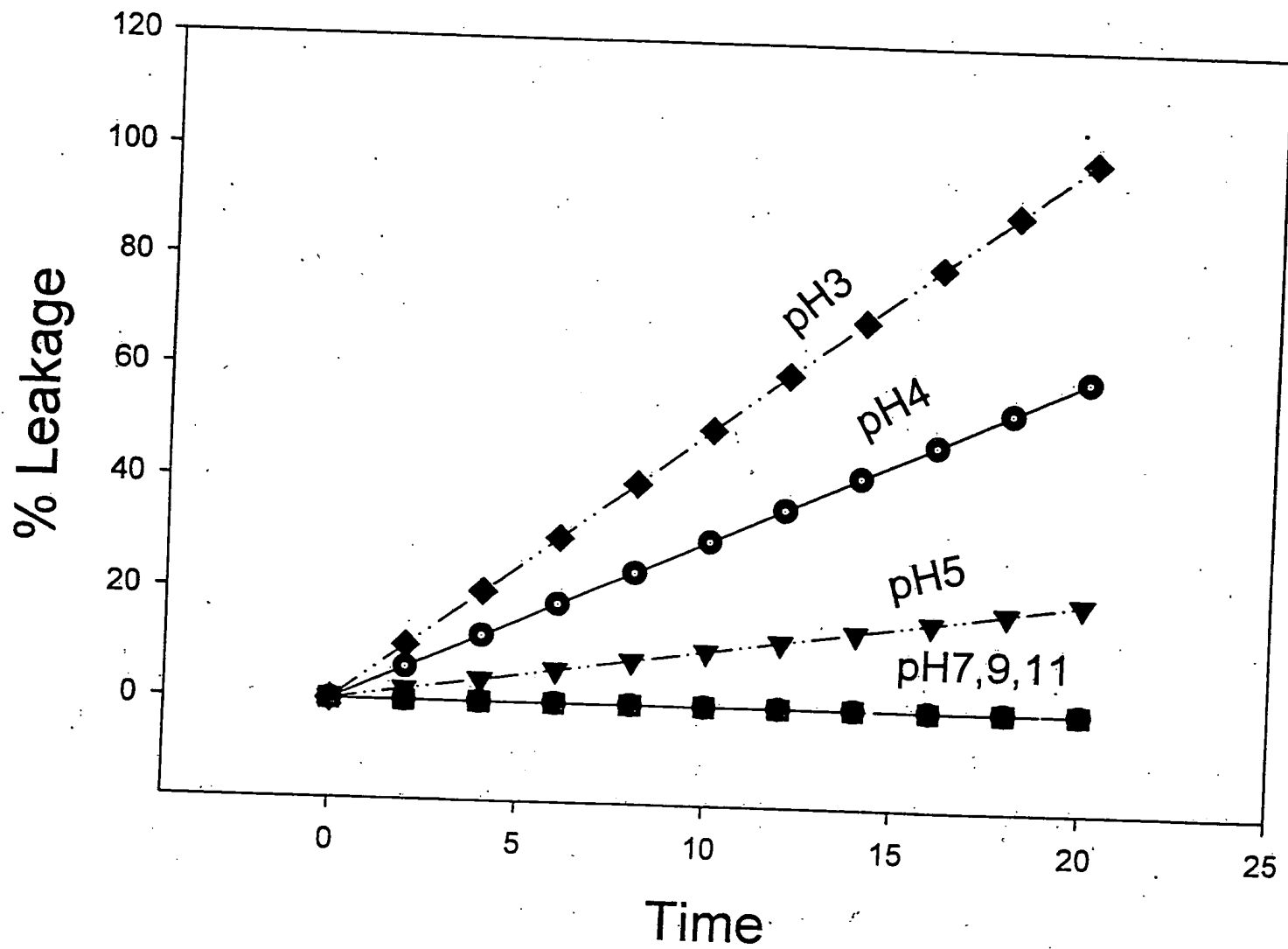


Figure 11

Docket: 010023-001100

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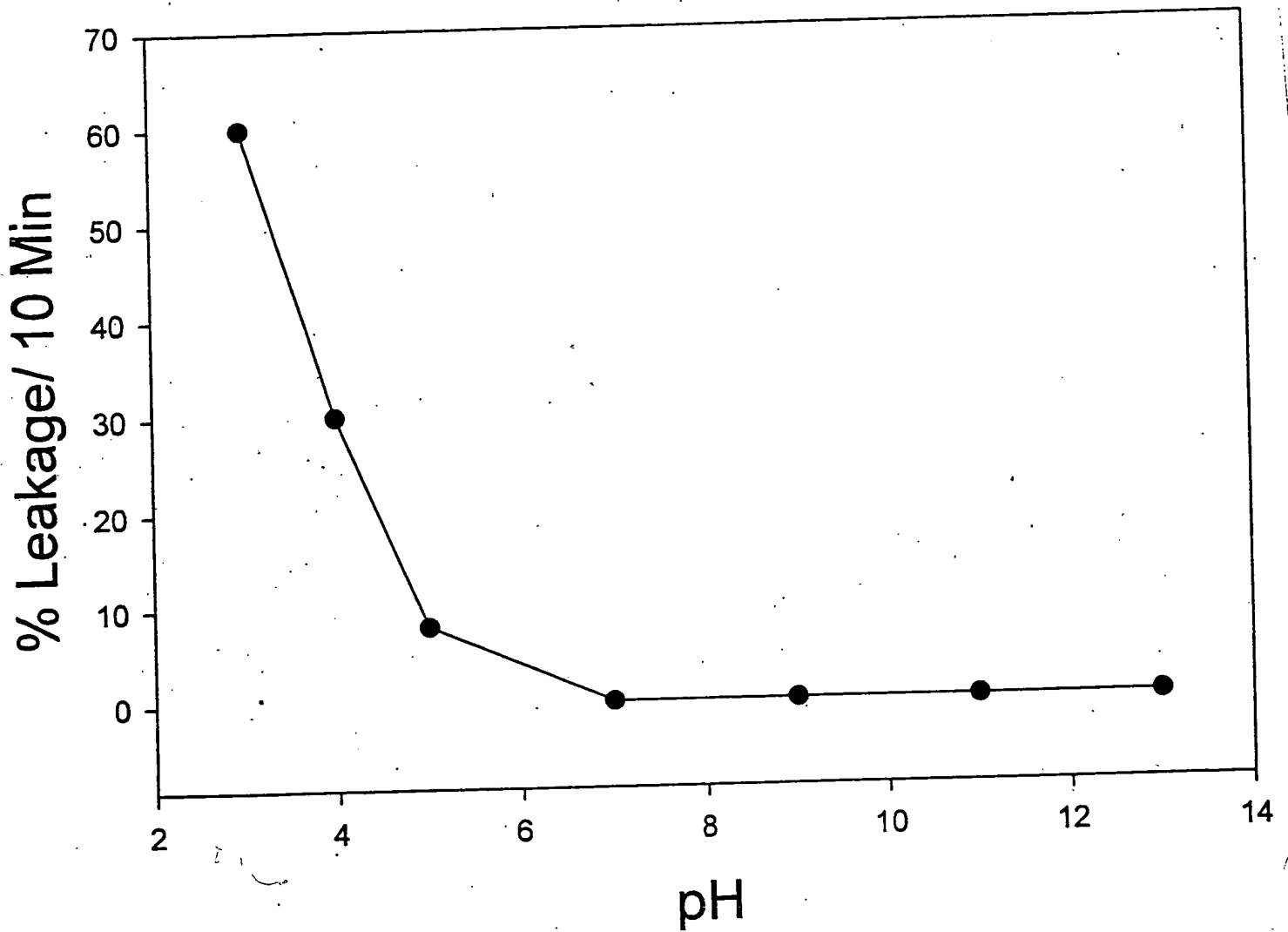


Figure 12

Docket: 010023-001100

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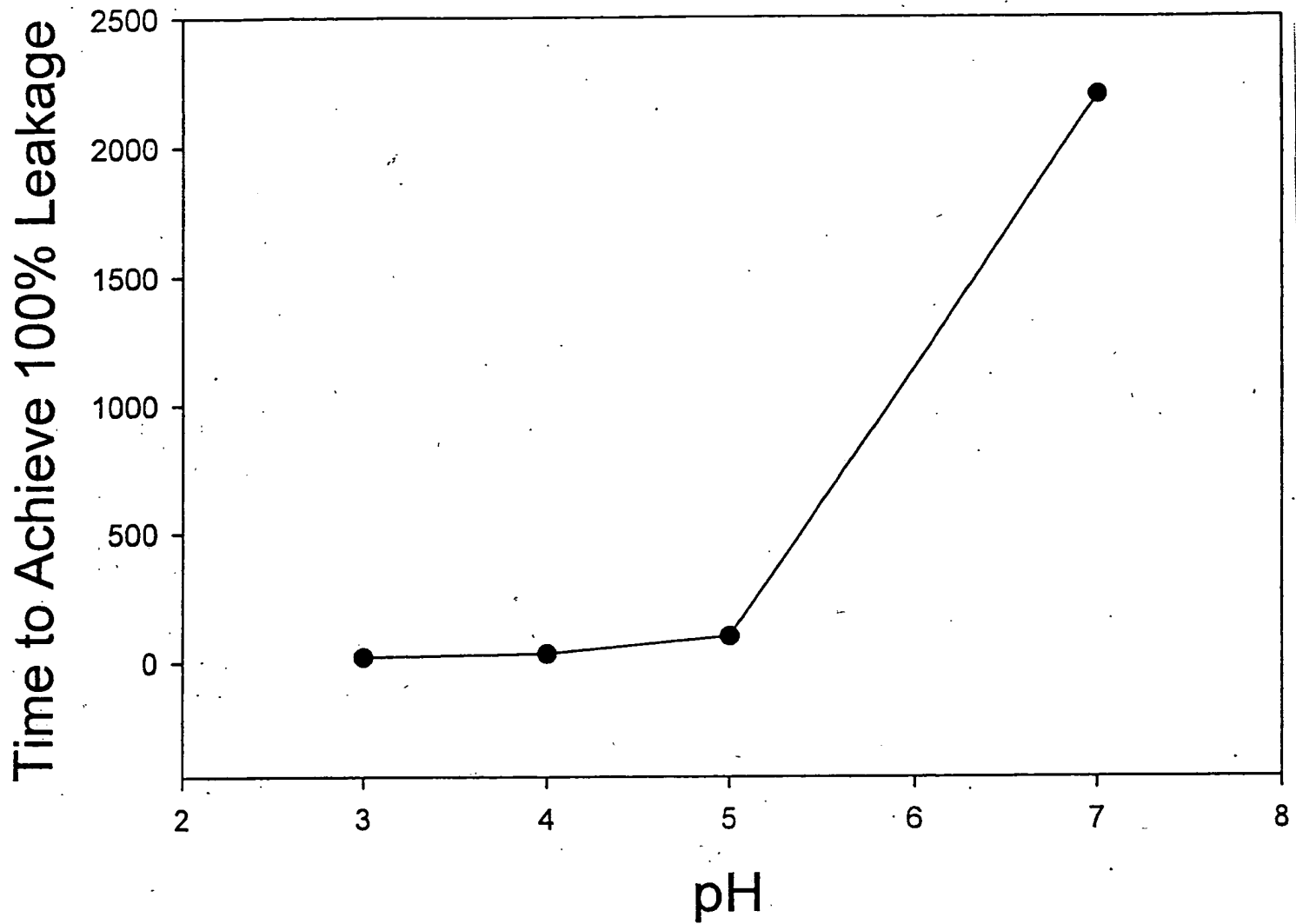


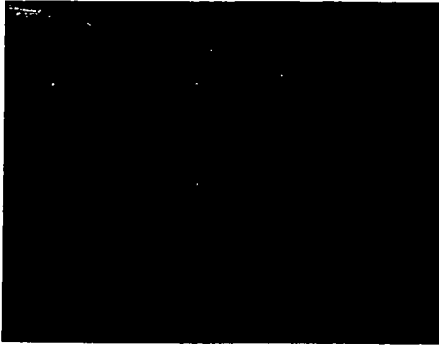
Figure 13

Docket: 010023-001100

Inventors: John H. Crowe et al.

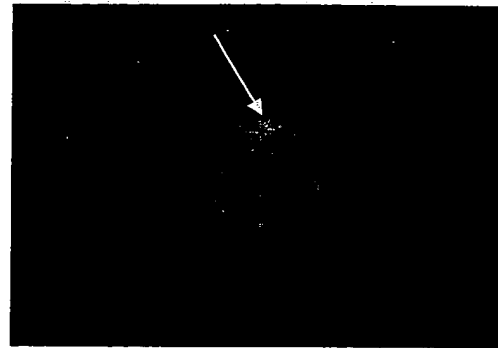
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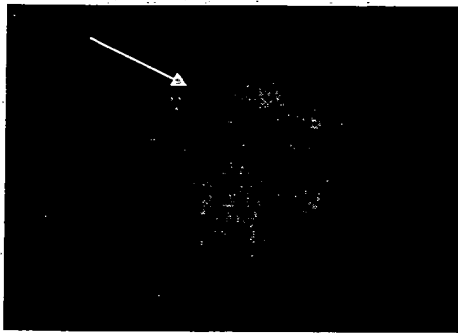
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Figure 14



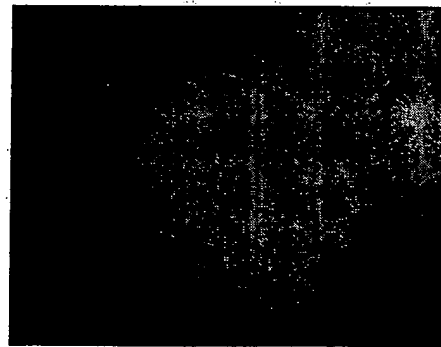
1 hr

Figure 15



3.5 hrs

Figure 16



5 hrs

Figure 17